

at page 9, line 14, replace "1E, 1F, 1G, 1H, 1I or 1P" with -19, 21, 23, 25, 27 or 39-;

at page 11, lines 22-23, replace "1E, 1F, 1G, 1H, 1I, 1J, 1K, 1L, 1M, 1N, or 1P" with -19, 21, 23, 25, 27, 29, 31, 33, 35, 37 or 39-;

at page 11, line 25, replace "1E, 1F, 1G, 1H, 1I or 1P" with -19, 21, 23, 25, 27 or 39-;

at page 14, line 19, replace "Sequence ID No. 14." with -Sequence ID No. 56-;

at page 14, line 23, replace "ID No. 13," with -ID No. 55-;

at page 14, line 27, replace "Sequence ID No. 13." with -Sequence ID No. 55-;

at page 14, line 31, replace "6E, 6F, 6G, 6H or 6I" with -46, 48, 50, 52 or 54-;

at page 15, line 3, replace "5A, 5B, 5C, 5D, 5E, 5F, 5G, 5H, or 5I" with -41, 43 or 44 or nucleotides 1-3025 of Sequence ID No. 5 or Sequence ID Nos. 45, 47, 49, 51, or 53-;

at page 15, lines 7-8, replace "5E, 5F, or 5G" with -45, 47, or 49-;

at page 15, line 12, replace "5E, 5F, 5G, 5H or 5I;" with -45, 47, 49, 51 or 53;-;

at page 15, line 14, replace "5E, 5F, or 5G" with -45, 47 or 49-;

at page 15, line 18, replace "Sequence ID No. 16" with -Sequence ID No. 58-;

at page 15, lines 21-22, replace "Sequence ID No. 15" with -Sequence ID No. 57-;

at page 15, line 26, replace "Sequence ID No. 15" with -Sequence ID No. 57-;

at page 15, line 31, replace "SEQ ID Nos. 1, 1A-1P, 5, 5A-5I, 10, 13 or 15" with -Sequence ID No. 1, nucleotides 320-3402 of sequence ID No. 1, Sequence ID Nos. 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 5, 41, 43 or 44, nucleotides 1-3025 of Sequence ID No. 5 or Sequence ID Nos. 45, 47, 49, 51, 53, 10, 55 or 57-;

at page 16, line 8, replace "SEQ ID Nos. 1, 1A-1P, 5, 5A-5I, 10, 13 or 15." with —Sequence ID No. 1, nucleotides 320-3402 of sequence ID No. 1, Sequence ID Nos. 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 5, 41, 43 or 44, nucleotides 1-3025 of Sequence ID No. 5 or Sequence ID Nos. 45, 47, 49, 51, 53, 10, 55 or 57.—;

at page 37, lines 8-9, replace "(see Sequence ID No. 1B for a description of a portion of NMDA11)" with —(see description of Sequence ID No. 13 in Summary of Sequences for a description of a portion of NMDA11)—;

at page 37, line 13, replace "Sequence ID No. 1D" with —Sequence ID No. 17—;

at page 37, line 14, replace "Sequence ID No. 1C" with —Sequence ID No. 15—;

at page 37, lines 14-15, replace "(see Sequence ID No. 1A for a description of a portion of NMDA10)" with —(which encodes a 3083 nucleotide sequence comprising nucleotides 320-3402 of Sequence ID No. 1)—;

at page 47, line 5, replace "ID. N. 1" with —ID No. 1—;

at page 48, line 11, replace "Sequence ID No. 1J" with —Sequence ID No. 29—;

at page 48, line 12, replace "Sequence ID No. 1K" with —Sequence ID No. 31—;

at page 48, line 13, replace "Sequence ID No. 1M" with —Sequence ID No. 35—;

at page 48, line 14, replace "Sequence ID No. 1N" with —Sequence ID No. 37—;

at page 48, line 15, replace "Sequence ID No. 1L" with —Sequence ID No. 33—;

at page 50, line 31, replace "Sequence ID No. 5D" with —nucleotides 1-3025 of Sequence ID No. 5—;

at page 50, line 33, replace "ID No. 5C" with —ID No. 44—;

at page 51, line 1, replace "ID No. 5B" with —ID No. 43—;

at page 51, line 2, replace "Sequence ID No. 5A" with —Sequence ID

No. 41—;

at page 53, line 14, replace "Sequence ID No. 5E" with —Sequence ID

No. 45—;

at page 53, line 18, replace "Sequence ID No. 5F" with —Sequence ID

No. 47—;

at page 53, lines 22-23, replace "Sequence ID No. 5G" with —Sequence

ID No. 49—;

at page 53, line 25, replace "Sequence ID No. 5H" with —Sequence ID

No. 51—;

at page 54, line 1, replace "Sequence ID No. 5I" with —Sequence ID No.

53—;

at page 54, line 23, replace "Sequence ID No. 17" with —Sequence ID

No. 59—;

at page 54, line 24, at the beginning of the line, replace "Sequence ID

No. 18" with —Sequence ID No. 60—;

at page 54, line 24, after "SE345" replace "(Sequence ID No. 19)" with

—(Sequence ID No. 61)—;

at page 54, line 25, replace "Sequence ID No. 20" with —Sequence ID

No. 62—;

at page 55, line 8, replace "Sequence ID Nos. 17 and 18" with

—Sequence ID Nos. 59 and 60—;

at page 55, line 10, replace "Sequence ID No. 19" with —Sequence ID

No. 61—;

at page 55, line 11, replace "Sequence ID No. 20" with —Sequence ID

No. 62—;

at page 55, line 30, replace "Sequence ID No. 21" with —Sequence ID No. 63—;

at page 60, line 21, replace "Sequence ID No. 13" with —Sequence ID No. 55—;

at page 60, lines 22-23, replace "Sequence ID No. 13" with —Sequence ID No. 55—;

at page 60, line 24, replace "Sequence ID No. 13" with —Sequence ID No. 55—;

at page 61, lines 29-30, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 62, line 13, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 62, line 20, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 62, line 33, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 63, line 17, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 63, line 19, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 63, line 30, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 63, lines 31-32, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 63, line 33, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 80, delete lines 6-8 and replace with —Clone NMDA10 encodes a 3083 nucleotide sequence comprising nucleotides 320-3402 of Sequence ID No. 1. Thus, this sequence encoded by the NMDA10 clone differs—;

at page 80, line 11, replace "Sequence ID No. 1B" with —Sequence ID No. 13—;

at page 80, line 14, replace "Sequence ID No. 1B" with —Sequence ID No. 13—;

at page 80, line 19, replace "Sequence ID No. 1C" with —Sequence ID No. 15—;

at page 80, line 24, replace "Sequence ID No. 1C" with —Sequence ID No. 15—;

at page 81, line 1, replace "Sequence ID No. 1D" with —Sequence ID No. 17—;

at page 81, line 4, replace "Sequence ID No. 1D" with —Sequence ID No. 17—;

at page 81, line 9, replace "Sequence ID No. 1E" with —Sequence ID No. 19—;

at page 81, line 12, replace "Sequence ID No. 1E" with —Sequence ID No. 19—;

at page 81, line 16, replace "Sequence ID No. 1F" with —Sequence ID No. 21—;

at page 81, line 19, replace "Sequence ID No. 1F" with —Sequence ID No. 21—;

at page 81, line 23, replace "Sequence ID No. 1G" with —Sequence ID No. 23—;

at page 81, line 25, replace "Sequence ID No. 1G" with —Sequence ID No. 23—;

at page 81, line 29, replace "Sequence ID No. 1H" with —Sequence ID No. 25—;

at page 81, line 31, replace "Sequence ID No. 1H" with —Sequence ID No. 25—;

at page 81, line 31, replace "Sequence ID No. 1G" with —Sequence ID No. 23—;

at page 81, line 32, replace "Sequence ID No. 1H" with —Sequence ID No. 25—;

at page 82, line 3, replace "Sequence ID No. 1I" with —Sequence ID No. 27—;

at page 82, line 5, replace "Sequence ID No. 1I" with —Sequence ID No. 27—;

at page 82, line 5, replace "Sequence ID No. 1H" with —Sequence ID No. 25—;

at page 82, line 6, replace "Sequence ID No. 1I" with —Sequence ID No. 27—;

at page 82, line 9, replace "Sequence ID No. 1J" with —Sequence ID No. 29—;

at page 82, lines 10-11, replace "Sequence ID No. 1J" with —Sequence ID No. 29—;

at page 82, line 11-12, replace "Sequence ID No. 1J" with —Sequence ID No. 29—;

at page 82, line 14, replace "Sequence ID No. 1K" with —Sequence ID No. 31—;

at page 82, line 16, replace "Sequence ID No. 1K" with —Sequence ID No. 31—;

at page 82, line 17, replace "Sequence ID No. 1K" with —Sequence ID No. 31—;

at page 82, line 21, replace "Sequence ID No. 1L" with —Sequence ID No. 33—;

at page 82, line 23, replace "Sequence ID No. 1L" with —Sequence ID No. 33—;

at page 82, line 24, replace "Sequence ID No. 1L" with —Sequence ID No. 33—;

at page 82, line 28, replace "Sequence ID No. 1M" with —Sequence ID No. 35—;

at page 82, line 30, replace "Sequence ID No. 1M" with —Sequence ID No. 35—;

at page 82, line 30, replace "Sequence ID No. 1G" with —Sequence ID No. 23—;

at page 82, line 31, replace "Sequence ID No. 1M" with —Sequence ID No. 35—;

at page 83, line 1, replace "Sequence ID No. 1N" with —Sequence ID No. 37—;

at page 83, line 3, replace "Sequence No. 1N" with —Sequence ID No. 37—;

at page 83, line 3, replace "Sequence ID No. 1G" with —Sequence ID No. 23—;

at page 83, line 4, replace "Sequence No. 1N" with —Sequence ID No. 37—;

at page 83, line 6, replace "Sequence No. 1P" with —Sequence ID No. 39—;

at page 83, line 8, replace "Sequence No. 1P" with —Sequence ID No. 39—;

at page 83, line 8, replace "Sequence ID No. 1H" with —Sequence ID No. 25—;

at page 83, line 9, replace "Sequence No. 1P" with —Sequence ID No. 39—;

at page 83, delete lines 14-16;

at page 83, line 17, replace "Sequence ID No. 2B" with —Sequence ID No. 14—;

at page 83, line 19, replace "Sequence ID No. 1B" with —Sequence ID No. 13—;

at page 83, line 20, replace "Sequence ID No. 2C" with —Sequence ID No. 16—;

at page 83, line 22, replace "Sequence ID No. 1C" with —Sequence ID No. 15—;

at page 83, line 23, replace "Sequence ID No. 2D" with —Sequence ID No. 18—;

at page 83, line 25, replace "Sequence ID No. 1D" with —Sequence ID No. 17—;

at page 83, line 26, replace "Sequence ID No. 2E" with —Sequence ID No. 20—;

at page 83, line 28, replace "Sequence ID No. 1E" with —Sequence ID No. 19—;

at page 84, line 1, replace "Sequence ID No. 2F" with —Sequence ID No. 22—;

at page 84, line 3, replace "Sequence ID No. 1F" with —Sequence ID No. 21—;

at page 84, line 4, replace "Sequence ID No. 2G" with —Sequence ID No. 24—;

at page 84, line 6, replace "Sequence ID No. 1G" with —Sequence ID No. —23;

at page 84, line 7, replace "Sequence ID No. 2H" with —Sequence ID No. 26—;

at page 84, line 9, replace "Sequence ID No. 1H" with —Sequence ID No. 25—;

at page 84, line 10, replace "Sequence ID No. 2I" with —Sequence ID No. 28—;



at page 85, line 13, replace "Sequence ID No. 5A" with —Sequence ID No. 41—;

at page 85, line 16, replace "Sequence ID No. 5A" with —Sequence ID No. 41—;

at page 85, line 20, replace "Sequence ID No. 5B" with —Sequence ID No. 43—;

at page 85, line 25, replace "Sequence ID No. 5B" with —Sequence ID No. 43—;

at page 86, line 1, replace "Sequence ID No. 5C" with —Sequence ID No. 44—;

at page 86, line 7, replace "Sequence ID No. 5C" with —Sequence ID No. 44—;

at page 86, delete lines 14-16 and replace with —Nucleotides 1-3025 of Sequence ID No. 5 are a 3025 nucleotide sequence encoded by clone NMDA26. Thus, this sequence differs from—;

at page 86, line 19, replace "Sequence ID No. 5E" with —Sequence ID No. 45—;

at page 86, line 24, replace "Sequence ID No. 5F" with —Sequence ID No. 47—;

at page 86, line 28, replace "Sequence ID No. 5G" with —Sequence ID No. 49—;

at page 87, line 1, replace "Sequence ID No. 5H" with —Sequence ID No. 51—;

at page 87, line 3, replace "Sequence ID No. 5H" with —Sequence ID No. 51—;

at page 87, line 3, replace "Sequence ID No. 5F" with —Sequence ID No. 47—;

at page 87, line 4, replace "Sequence ID No. 5H" with —Sequence ID No. 51—;

at page 87, line 8, replace "Sequence ID No. 5I" with —Sequence ID No. 53—;

at page 87, line 10, replace "Sequence ID No. 5I" with —Sequence ID No. 53—;

at page 87, line 10, replace "Sequence ID No. 5G" with —Sequence ID No. 49—;

at page 87, line 11, replace "Sequence ID No. 5I" with —Sequence ID No. 53—;

at page 87, line 16, replace "Sequence ID No. 6A" with —Sequence ID No. 42—;

at page 87, line 18, replace "Sequence ID No. 5A" with —Sequence ID No. 41—;

at page 87, line 19, replace "Sequence ID No. 6B is the" with —The—;

at page 87, line 21, replace "Sequence ID No. 5B." with —Sequence ID No. 43 is set forth in Sequence ID No. 43.—;

at page 87, line 22, replace "Sequence ID No. 6C is the" with —The—;

at page 87, line 24, replace "Sequence ID No. 5C." with —Sequence ID No. 44 is set forth in Sequence ID No. 44.—;

at page 87, delete lines 25-27;

at page 87, line 28, replace "Sequence ID No. 6E" with —Sequence ID No. 46—;

at page 87, line 30, replace "Sequence ID No. 5E" with —Sequence ID No. 45—;

at page 88, line 1, replace "Sequence ID No. 6F" with —Sequence ID No. 48—;

at page 88, line 3, replace "Sequence ID No. 5F" with —Sequence ID No. 47—;

at page 88, line 4, replace "Sequence ID No. 6G" with —Sequence ID No. 50—;

at page 88, line 6, replace "Sequence ID No. 5G" with —Sequence ID No. 49—;

at page 88, line 7, replace "Sequence ID No. 6H" with —Sequence ID No. 52—;

at page 88, line 9, replace "Sequence ID No. 5H" with —Sequence ID No. 51—;

at page 88, line 10, replace "Sequence ID No. 6I" with —Sequence ID No. 54—;

at page 88, line 12, replace "Sequence ID No. 5I" with —Sequence ID No. 53—;

at page 88, line 15, replace "5C, 5E and 5H." with —44, 45 and 51.—;

at page 88, line 25, replace "5B and 5C." with —43 and 44.—;

at page 89, line 8, replace "Sequence ID No. 13" with —Sequence ID No. 55—;

at page 89, line 11, replace "Sequence ID No. 14" with —Sequence ID No. 56—;

at page 89, line 12, replace "Sequence ID No. 13" with —Sequence ID No. 55—;

at page 89, line 13, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 89, line 16, replace "Sequence ID No. 16" with —Sequence ID No. 58—;

at page 89, line 17, replace "Sequence ID No. 15" with —Sequence ID No. 57—;

at page 89, line 18, replace "Sequence ID Nos. 17-20" with —Sequence ID Nos. 59-62—; and

at page 89, line 22, replace "Sequence ID No. 21" with —Sequence ID No. 63—.